



BY "KEEPING THOSE GREEN LIGHTS BURNING" until the Y-12 Plant Area passes the 5,000,000-hour mark of plant operations without a disabling accident, Union Carbide Nuclear Company employees here may have their choice of such valuable articles as shown above as individual safety awards. At top is a portable one-quarter-inch electric drill and an electric portable mixer. Across the middle are a spinning reel, an eight-cup automatic coffee percolator and a two-burner lantern that burns white gas. At bottom are a de luxe self-winding watch and a handsome table lighter. These items, of course, are not a final selection but are shown to give an idea of the fine quality of merchandise that may be available if the long-sought-after safety record is reached.

When—And If—

5,000,000 Injury-Free Hours Will Make Y-12ers Eligible For Excellent Awards

Although it has been stressed time and time again that the individual safety awards presented Union Carbide Nuclear Company employees in the Y-12 Plant Area are but a token appreciation of the safety-consciousness that has established enviable records of accident-free operations here for many years—Y-12ers right now have an opportunity to earn more substantial awards than ever before.

With another 3,000,000-hour period passed—unofficially, that is—with no disabling injuries being recorded in the Y-12 Plant Area; safety-minded Y-12ers are seriously pointing to extending that mark to the 5,000,000 mark and even higher.

When—and if—this milestone is reached without a disabling injury being charged, UCNC employees in the Y-12 Plant Area will become eligible for individual safety awards costing \$10. The Safety Department has assembled several items in this bracket for display as an incentive to maintain the current accident-free period and they will be placed on display at the Y-12 Cafeteria for inspection. These items are shown in the picture above.

It is pointed out that these articles are merely an example of the value of merchandise that will be obtained as individual safety awards—again on the "when and if" basis. If an accident-free period is established calling for awards in this price bracket, even more fine items will be offered in addition to those being displayed.

Although such high-grade merchandise, of course, will be an added incentive to Y-12ers to continue their safe working habits—it is pointed out that the real objective of long injury-free periods is to have every Y-12er remain in good health and not suffer costly and painful aftermaths of a disabling accident.

NICHOLSON IS PROMOTED

William B. Nicholson has been appointed vice president, gas products, for the Linde Company, a Division of Union Carbide Corporation. He has been manager of development for Linde since 1956.

Friday's A Holiday . . .

Safe And Sound Return From Long Week-End Easter Period Urged Of All Y-12ers With Care Being Taken In All Actions

With Friday of this week, April 4, to be observed as the annual Good Friday holiday by all Union Carbide Nuclear Company employees in Oak Ridge—it will be the first long week-end holiday of the year for Y-12ers. On this day no Y-12ers will be required to work except those required for the protection and continuous operation of the plant.

With winter probably well in retreat by the week end, Y-12ers are expected to observe the holiday in many ways—from automobile trips to various destinations to fishing and other types of recreation.

Cleanliness Big Factor In Y-12 Safety Record

Spring Clean-Up Week April 20-26 Is Aimed At Ousting Hazards

One standout reason for the excellent safety record now boasted by the Union Carbide Nuclear Company employees in the Y-12 Plant Area is the fact that good housekeeping conditions are maintained throughout the plant. Operating on the principle that a clean plant is a safe plant, particular attention will be given to observance of the annual Spring Clean-Up Week from April 20-26, when a concentrated effort will be made to remove all fire and accident hazards that might have been created through the winter months.

Fire, safety and security coordinators in every Y-12 division, strongly backed by the Fire Department, will coordinate the campaign. The clean-up subject has been placed at the top of the programs for divisional, departmental and group safety meetings throughout the plant with thorough inspections planned for the interior and exterior of all buildings to seek all excess material and rubbish and plan for its removal.

The inspection by departmental committees will give especial attention to offices, locker rooms, lockers, work shops and tool rooms, boiler rooms, laboratories, vaults, aisles and halls, exits and stairways. Every Y-12er will be urged to participate in the Spring Clean-Up campaign by cleaning

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CARBIDE WILL SPONSOR 'THE MESSIAH' BROADCAST

One of the most beautiful and impressive religious musical compositions ever written—Handel's "The Messiah"—will be broadcast from 1 p.m. to 2 p.m. over Oak Ridge Radio Station WOKE on Easter Sunday, April 6, with the program being sponsored by Union Carbide Nuclear Company. The version of the noted oratorio to be presented here is by the London Philharmonic Orchestra, one of the world's outstanding musical groups, under direction of Sir Thomas Beacham.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated
104 Days Or
3,275,000 Man Hours
(Unofficial Estimate)
Without A Disabling Injury
Through March 30
Phone 7755
For Daily Report
On Accident-Free Hours

Camera Club To Hold Meeting Next Tuesday

Talk And Competition Will Feature Program

The April meeting of the Carbide Camera Club will be held at 7:30 o'clock next Tuesday night, April 8, in the club headquarters in the Y-12 East Portal building. All Y-12ers interested in improving their technique in amateur photography and other visitors are invited.

The feature of the program will be a talk by Sam Ovenshine, Oak Ridge National Laboratory, president of the club, on "Close-Up Photography." The speaker will cover camera operation, accessories and techniques used in such type of photography.

The competition for April will be in black and white prints in an "open" or any subject, event and also in color slides on "Winter and Early Spring Scenes." All entries must be in the hands of officers of the club by 6 o'clock Monday afternoon, April 7.

In addition to President Ovenshine, other officers of the Carbide Camera Club for the year are Bob Manis, K-25, vice president; and Katherine Freeman, ORNL employee in the Y-12 Plant Area, secretary-treasurer.

SILICONES DESCRIBED

A six-page booklet telling how Union Carbide silicones are made has appeared in a recent issue of the American Chemical Society's publication, Industrial and Engineering Chemistry. The booklet points out that the Company is the only American manufacturer of silicones to build an entirely new plant and that novel techniques of planning and engineering are beginning to pay off.

Science Fair Draws 20 Pupils Of Y-12 Parents

Ingenuity And Study Will Be Displayed In Varied Exhibits

A total of 20 scientifically-inclined youngsters of Y-12 parents have entered exhibits in the annual Oak Ridge High School Science Fair scheduled for the high school cafeteria on Friday afternoon of next week, April 11. According to D. B. Asher, chairman of the science department at the high school, the approximately 60 exhibits in the fair will be on display beginning at 1 p.m. and will be judged by members of the science teaching staff at the high school.

Interest In Science Shown

A widely varied assortment of displays are being carefully assembled by the Y-12 youngsters in the fair. Many of the subjects and exhibits will demonstrate much ingenuity and study by the entrants as well as their interest in the greatly-discussed scientific teaching in United States schools.

The exhibits are to be divided into two general groups—biological and physical science. There will be two classes of contestants—with the senior division being composed of pupils in the 10th, 11th and 12th grades and junior contestants coming from the seventh, eighth and ninth grades. Cash awards will be given the first, second and third place winners in each age group.

May Enter Appalachian Fair

Many of the Oak Ridge youthful scientists will place their exhibits in the Southern Appalachian Science Fair in Knoxville on April 19. This fair is sponsored by the University of Tennessee and the Knoxville News-Sentinel. In past years several exhibits from Oak Ridge have taken top honors in the Appalachian competition.

One first prize, one second and one third went to sons and daughters of Y-12ers in the 1957 fair at the high school. The first prize went to Jim Whitten, then a Robertsville Junior High School student, and son of J. A. Whitten, Z Area. His sister, Sandra Whitten, now a high school junior, took a third place and Adrian Lawler, son of R. G. Lawler, Alpha Four, was a second place winner. Each of these three have entries in the 1958 fair.

Y-12 Entrants And Subjects

The pupils with Y-12 parents who have entered the 1958 fair with names of their parents, their departments and subjects of the exhibit follow:

John Ralston, Russell, SS Control; "Temperature Effects on Gestation in Guppies."
Judy Moss, Laura A., Piping Engineering; "Isolation of Antagonistic Microorganisms."
Doyle Campbell, Noble H., Chemical; "Electroplating."
Stan Anderson, J. D. Padgett, Process Maintenance; "Solid Fuel Rockets."
Jay Whitcomb, James R., Wage Standards; "Taxidermy."
Steve Breman, Phillip J., Industrial Engineering; "Psychological Reactions in Mice."
Marilyn Mackley, W. J., Production Inspection; "Hydroponics."
Sue Phillippi, Raymond S.;
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The Bulletin

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Y-12er R. M. Kemper To Head UN Committee

Exchange Student Plan Is Project Of Group

Robert M. Kemper, Jr., of the Y-12 Contract Administration Department of the Technical Division, has been elected chairman of the United Nations Committee of



Robert Kemper

Oak Ridge for the coming year. He is a member of the board of directors of the Oak Ridge Junior Chamber of Commerce and was treasurer this year for the 1958 March of Dimes campaign. He was treasurer for two years for the United Nations Committee and last year was president of the Savoyards.

The United Nations Committee has as its principal function the handling of details for the high school exchange program that brings foreign students to Oak Ridge for a year of schooling and sends a local student abroad for the same period. Last year Adrian Lawler, son of R. G. Lawler, of the Y-12 Alpha Four Department, was honored with the designation from Oak Ridge.

Other officers of the United Nations Committee for the coming year are Gilbert Jamieson, vice chairman; Mrs. Paul Spray, recording secretary; Mrs. Lloyd Alexander, corresponding secretary; and Mrs. Orestis J. Malacarne, treasurer.



Get-well wishes are sent to the following Y-12 employees who were patients last week in Oak Ridge Hospital:

H. B. Milhorn, Electrical Maintenance; W. H. Martin, Material Control; J. R. Murphy, L. R. Brooks, L. C. Love and Charles Johnson, General Machine Shop; R. H. Gilbert, Research Services; F. W. Gallagher, Maintenance Planning; Ada Hopkins, Shift Superintendents; W. R. Hicks, Beta Two; A. T. Barger and R. B. Blankenship, Guard; W. L. Coggin, Salvage; K. N. Andrews, Development Operations; Latrisia Marie Tilley, T. H. Coulter and Eleanor Duke, Product Processing; A. P. Bass, SS Control; H. H. Adcock, Heavy Equipment Maintenance.

SPECIAL LUNCHES ENTREES IN Y-12 ARE ANNOUNCED

Boston Baked Beans will be the main dish on the 50-cent Special Lunch to be served tomorrow, Thursday, April 3, at the Y-12 Cafeteria. On next Tuesday, April 8, the Special Lunch entree will be Creole Frankfurters. Each Special Lunch also includes one vegetable, choice of salad or dessert and rolls and butter.



When bigger and more luscious corn is reaped around the Y-12 premises "Old Corny," the corpulent and calorie-conscious Colyum Conductor, contends that it is his prerogative to get into the act. So he is downright put out with Floyd "All Shook-Up" Shook and fellow conspirators in the Safety Department, aided and abetted by "Pony Girl" Jean Vaughan, of Process Maintenance, with her lovely broad-casting voice, that gurgled sweetly last week in answering the Safety information Phone 7755 with, "Let's launch Y-12 safety into a 5,000,000-hour injury-free orbit." With Easter approaching, it is suggested that the Safety Department leave such egg-laying to "Strictly Confidential." (Voice from over the shoulder: "Jealous, eh? Don't you wish you had said it first?")

Oh well, let's get on with the goings-on and whereabouts of people here and there—

SHIFT SUPERINTENDENTS AND GENERAL UTILITIES

The Shift Superintendent's office extends get-well wishes to **Ada Hopkins**, recovering from an appendectomy in Oak Ridge Hospital . . . After taking in the A Shift fishing rodeo last week, Assistant A Shift Superintendent **J. E. Temple** is vacationing at home in Knoxville this week.

E. E. Robertson, Utilities, is vacationing at home this week and **C. B. Cox** also is resting up at an undisclosed hangout . . . Get-well wishes are sent **J. W. Rankin**.

FINANCE AND MATERIALS

The first day of Spring found **John Lay, Jr.**, and **Jim Moon**, SS Material Control, on a creek bank with their fishing poles and high hopes of fooling some fish—but the same old story—no fish . . . Now that **Paul Bass** is on the road to recovery, sympathy is extended to the staff of Oak Ridge Hospital.

Tabulating Services welcomes newcomer **Charles Robinson** into the fold . . . Condolences are extended **Virginia Swanner**, whose father died March 24 in Athens, Ala.

MAINTENANCE

Al Groppe, of the Maintenance Division, had his stature as Grandpop, Senior Grade, greatly enhanced on March 23 when his son, **Wayne Groppe**, a former Y-12er, and his wife, became parents of a fine daughter. Wayne has just completed his degree work at the Milwaukee, Wis., School of Electrical Engineering and Grandpop Groppe was visiting the newest grandchild while vacationing last week.

Process Maintenance has **T. C. Brooks** vacationing at home in Oliver Springs . . . **P. J. Johnson** is doing likewise in Oak Ridge with his two sons, home from the Army . . . **R. E. Wallace** and **J. V. Welch** are fishing on Watts Bar Lake . . . **E. Roberts**, **J. L. Wade**, **J. O. Parks** and **H. E. Moore** got away before destinations could be learned . . . **Charley Green** and **Ernest Edwards** are back from attending a Masonic meeting in Nashville . . . **T. R. Rucker** is proud of that new home he recently bought on California Ave. . . . **George Young** has a new granddaughter born Saturday, March 22, weighing six pounds, 11 ounces and named **Tamara Jean** (somebody been listening to E. Fisher?) . . . Sympathy is extended **J. H. McNew**, whose brother died last week in Harriman.

Research Services reports **E. T. Wallace** is vacationing at home and enjoying chit-chat sessions with his son, who was just discharged from the Air Force March 13 . . . **J. D. Helton** is putting lots of mileage on the new buggy by visiting kin folks in Kentucky, Ohio, Arkansas and Middle Tennessee . . . **T. E. Walsh** will spend part of his vacation at his cabin in the Smokies (Beware the b'ars, bud) . . . **A. D. Justus** is going to Detroit, Mich. . . . **L. R. Bledsoe** will take in Washington, D.C., and points in West Virginia . . . **T. J. Boring** is staying at home . . . **W. L. Allen**, **T. L. McCreary** and **E. E. Oliver** went thataway . . . **L. C. Hargis** is sent get-well quick wishes from the measles . . . Same wishes sent **R. H. Gilbert**, improving after an operation . . . Also to **P. E. Clifton**, **T. C. Caldwell**, **D. J. Wood** and **H. M. Smith**, on the ail-

ing list . . . Likewise to **C. E. Gregory**, who has had an extended stay in a Knoxville hospital . . . Greetings are extended to transfers **E. D. Seagle**, **E. S. Hardy** and **W. H. Moses** and to rehires **H. B. Whitmore**, **W. L. Hunter**, **D. L. Craig**, **C. J. Cumbie** and **R. H. Gassaway**.

Mechanical Maintenance rolled out the welcome mat last week to rehires **L. M. Hayes** and **B. R. McGaha** . . . Rapid recovery wishes are sent **E. Bailey** and **A. L. Donald** . . . Condolences are extended **E. L. Sheffield**, whose sister-in-law died last week in Alabama . . . Pretty weather is wished for a flock of vacationers, most of whom plan to get in a lot of fishing—including **R. J. Malone**, **E. C. Underwood**, **B. A. Clark**, **F. S. Bowman**, **G. T. Halmontaler**, **L. C. Nelson**, **S. N. Tadlock**, **W. W. Jones**, **A. G. Stooksbury**, **G. W. Davidson**, **V. L. Perry**, **H. C. Inman**, **B. V. Pullin**, **T. L. Boggs**, **H. L. Brown** and **C. R. Webber**.

Maintenance Planning hopes **F. G. Gallagher**, who underwent an eye operation at Oak Ridge Hospital last week, will quickly recover . . . Same to the husband of **Grace Watkins** (J. L.), who underwent an operation last week at Ft. Sanders Presbyterian Hospital in Knoxville . . . Congratulations to **E. G. "Sonny" Richardson**, who became a grandfather again with the arrival last week of **Kenneth Briggs Richardson** to brighten the lives of "Sonny's" son and family.

The Janitorial Department extends sympathy to **Will Bailey**, whose mother died March 18 in Mississippi.

TECHNICAL

Special Projects just knows that Spring has really arrived on the day that **Harvey Hankins** shows up with his flattop haircut . . . Meanwhile, welcome to **Bill Sims**, latest addition to the department.

Vacations are splattering the Mechanical Engineering news . . . **E. E. Palmer** started his by moving into a new home in Cumberland Estates . . . **Carl Green** and family are sightseeing in Florida—all the way to the Keys . . . **Tom Keane** and folks are taking in Atlanta, Ga., and Orlando, Fla. . . . **Lon McNeil** is resting up at home in Fountain City . . . Speaking of new homes—**P. F. Boyer** is to build a new edifice in the Pleasant Ridge Park section of Knoxville . . . The MEs are glad **Wilbur Allin** is convalescing nicely at home after undergoing surgery in Nashville. . . . Sorry to report **Nora Hurst** is absent with the miseries . . . The **R. A. Chittums** have moved to a Magnolia Ave. home in Knoxville. . . . **Ross Goosie** is sashaying around in a swanky station wagon these days . . . **M. B. "The Wimp" Hilton** was up to Kingsport Saturday night shaking a mean hoof at a square dance shindig.

Virginia Means, Special Testing, has her parents from Odessa, Tex., as visitors . . . Get-well wishes are sent **LaVaughn Heath** . . . **William McBryde** is the father of a new son, named **Robert William**.

Production Analysis welcomes **Elva Combs** and **Irene Jenkins** back after extended illnesses . . . **Daisy Ward** and **Violet Wright**, Production Assay, attended the Grand Chapter of Eastern Star meeting in Gatlinburg recently.

Russ Blevins, Production Assay, Continued on Page 4

Special Easter Services Set By Ridge Churches On Sunday

One of the holiest of Christian holiday observances—Easter Sunday, preceded by Good Friday—will provide Y-12ers their first long week-end holiday of the year. Easter Sunday—falling on Sunday,



April 6—marks the end of the Lenten season and the traditional celebration in churches throughout Christendom of the rising of Jesus of Nazareth from the grave to Heaven.

How Date Is Set

Although there will be no community Easter morning services in Oak Ridge, every Christian church in the city has planned the usual impressive services accompanying the occasion with special music arranged.

The date of Easter Sunday was fixed back in the early days of the Christian Church. In 325 A.D., the Council of Nicaea decided that the celebration should fall on the same day throughout the church. It set the Sunday after the first full moon following the Spring equinox, which was fixed as March 21, as the day Easter should be observed. It was provided that if the full moon appeared on that date, Easter should be the next Sunday. Consequently, Easter moves between March 22 and April 25.

Emperor Decreed Finery

One of Christianity's earliest converts, the Roman Emperor Constantine, is credited by historians with having made new clothes so much a part of Easter that the custom has persisted through the centuries. The emperor decreed that, as a special honor to the newly risen Lord, every member of his court appear on Easter morning in new raiment. This tangible symbol of rebirth and new life, after the austere period of Lent, is observed even today.



Miss Freida Brown

BROWN—SADLER

An autumn wedding is planned by Miss Freida Brown, of Oliver Springs; and Donald Ray Sadler, son of a Y-12er and now in the United States Navy stationed at San Diego, Cal. The engagement was announced last week by Mr. and Mrs. Earl Ray Brown, Sr., parents of the bride-elect, who live in Oliver Springs.

Miss Brown is attending Oliver Springs High School. The groom-to-be is a graduate of Oak Ridge High School and attended the University of Tennessee before entering the Navy. He is the son of Hugh Sadler, Research Services, and Mrs. Sadler, who also live in Oliver Springs.

Educational Aid Deadline Is Extended To April 18

The deadline for Y-12ers to apply for help under the Union Carbide Education Assistance Plan providing financial aid to employees wishing to take approved collegiate courses has been extended from Friday of this week, April 4, to Friday, April 18. Y-12ers eligible for this assistance and wishing to enroll in Spring Quarter classes just starting may obtain full information from Ralph Pearson, Training Department, Bldg. 9704-2, plant phone 7751.

To be eligible for aid under the UCN Educational Assistance Plan Y-12ers must be salaried employees with more than six months of Company Service. Courses to be approved must be such as to help an employee in his present work or to train him for a better position.

Instrument Society Group To Hold Meeting April 2

The Oak Ridge Section of the Instrument Society of America will hold its 127th meeting at 7:30 o'clock tonight, Wednesday, April 2, at the Ridge Recreation Hall. George B. Bailey, manager of industrial contracts division of the Minneapolis-Honeywell firm, will be guest speaker.

Bailey's topic will be "Selection of D. C. Amplifiers For Use In Data Handling Systems." He is a graduate of the University of Illinois with a B.E.E. degree.

ORNL Division Dance Will Be At Deane Hill

The Oak Ridge National Laboratory Analytical Chemistry Division annual dance has been set for Friday, April 11, at the Deane Hill Country Club near Knoxville. It was announced last week by Gerald Goldberg, dance committee chairman and an ORNL employee in the Y-12 Plant Area. The dance will be semi-formal with music to be provided by Dave Blessing's orchestra, the leader being a Y-12er.

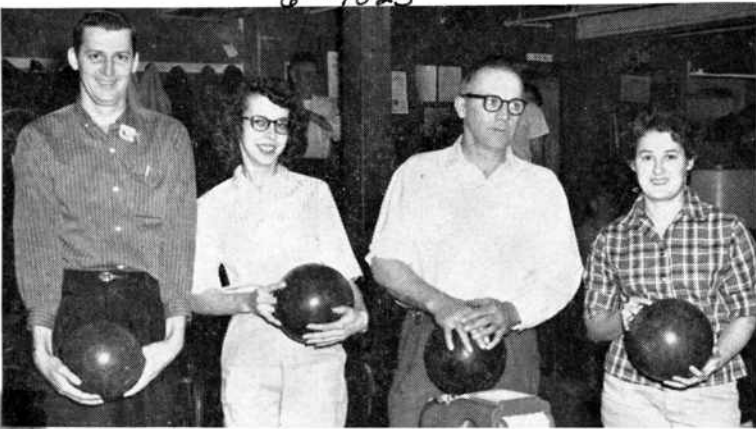
A social hour will be held from 6:30 p.m. to 7:30 p.m. with a buffet supper to be served from 7:30 p.m. to 9:30 p.m. and dancing continuing until 1 a.m. Y-12ers are cordially invited to attend the affair and tickets and reservations may be obtained from Kay Pressley, Margaret Marler, Louise Blevins, Marty McMahon or Goldberg, all ORNL employees in the Y-12 Plant Area.

Photoelastic Measuring Methods To Be Described

A lecture and demonstration on uses of photoelastic methods to measure strain magnitude and direction on Tuesday, April 15, has been announced by the Oak Ridge Chapter of the Society For Non-destructive Testing. The lecture will be at 8 p.m. in the Blue Room of the Ridge Recreation Hall and the demonstration at 1 p.m. in Bldg. 1000, Oak Ridge National Laboratory the same day.

Dr. Zandman, of the Tatnall Measuring Systems Co., Phoenixville, Pa., will be the speaker. His lecture will deal with the nondestructive applications of photoelastic plastic to determine stress and strain magnitude and his talk will be accompanied by a sound moving picture. The demonstration at ORNL will show the utility of photostress. At this meeting, Dr. Zandman will answer questions on specific problems in the field.

Golf—a long walk punctuated with disappointments.



TWO OF THE TOP CONTENDING TEAMS in the Mixed League of Y-12 men and women bowlers were the Alley Cats, tops, and Clippers, bottom. The Alley Cats are, from left, Capt. Jim Turner, Joanne Osborne, James L. Sprouse and Louise Eubanks. On the Clippers team are Capt. J. C. Bryan, Jane Sheldon, Nell McGinnis and G. B. Anderson.

Rambunctious Rebels Romp To Tie For Lead In Classic

Just about this time every year the rambunctious Rebels feel the sap of spring arising and start a revolution in the Classic League of Y-12 Plant bowlers. The Rebs started an upward climb a few sessions back and last Thursday night advanced to a tie for first place by treeing the Cubs for a four-point victory as the Bumpers, top team for the past several weeks, battled to a two-point deadlock with the second-place Has Beens, relegating the losers to second place.

In other matches last week the up-and-coming Tigers blanked the Screwballs and the Swingsters stung the Wasps for a similar win. The Playboys made a valiant effort to escape the loop cellar and made it a three-way tie for the lowly post with the Screwballs and Playboys by whipping the All Stars for three points and the Rippers and Wolves rolled to a deadlock.

Bruce Whitaker, All Stars, had the top single game scores with 223 scratch and 255 handicap. Walt Sherrod, Wolves, posted a 577 scratch series and Otis Rackley, Swingsters, bagged a 648 handicap series. The Wolves had the best scratch scores with a 920 game and 2605 series and were in a three-way tie for handicap game of 1037 with the Swingsters and All Stars. The Swingsters racked up a 3013 handicap series.

Team	W	L
Bumpers	21	7
Rebels	21	7
Has Beens	20	8
Swingsters	17	11
Wolves	14	14
Rippers	13	15
Tigers	13	15
All Stars	12	16
Wasps	10	18
Cubs	9	19
Screwballs	9	19
Playboys	9	19

C Shift Rodeo Set April 3, All Invited

Anglers on the Y-12 C Shift will compete for prizes in a fishing rodeo set for tomorrow, Thursday, April 3. The event will be based at the White's Creek dock on Watts Bar Lake, beginning at 12:01 a.m. and continue until 5 p.m.

The rodeo is not limited to C Shifters, as other Y-12 fishermen are invited to try their luck. There will be four prizes offered, for the four biggest fish caught during the day.

J. C. Knisley, of Process Maintenance, is chairman of the C Shift Recreation Committee, which is arranging the event.

Hi Balls Gain Top Spot In C League

The Hi Balls gurgled to a four-point whitewash victory over the B Shift keglers in the C League last week to take over the loop lead from Murderer's Row, which was chilled by the Chillers by the same humiliating margin. The two top teams clash head-on this week in the last round of the second half of the season and the Hi Balls can clinch the second half crown by racking up just two points.

In other matches last week the Alley Cats collected four points from the defunct Eight Balls for forfeit and the Sunflowers socked the Daffodils for three.

R. R. Galford, Sunflowers, had a good night on the lanes by racking up a 230 scratch game, boosted to 248 with handicap. He then added a neat 236 scratch series. J. D. Collins got into the scoring act with a 620 handicap series.

The Sunflowers took team scratch scoring honors with an 851 game and 2311 series. Handicap top scoring went to the Chillers with 1034 and 2897.

League standing follows:

Team	W	L
Hi Balls	38	18
Murderer's Row	37	19
Chillers	35	21
B Shift	32	24
Sunflowers	31	25
Alley Cats	31	25
Daffodils	19	37

Deane Hill Loop Is Being Talked

Formation of an All-Carbine Golf League to play at the Deane Hill Country Club, near Knoxville, is being talked by Y-12 and other Union Carbide Nuclear Company players living in Knoxville and Knox County near the club. Any

Top Y-12 Bowlers Will Seek Crowns In All-Carbine

Total Of 65 Teams Entered In Tourney At Terrace Alleys

The cream of the crop of Y-12 bowlers will descend in force on the All-Carbine Bowling Tournament scheduled for April 12, 13, 19 and 20 at the Oak Terrace lanes seeking gold and glory in the form of cash awards and trophies in the various events. When the alley activities open there will be 13 Y-12 men's teams, three women's combos, 29 men's doubles and seven women's doubles entrants, 46 men competing in singles and 15 keglers in their comparable event.

A total of 52 men's teams and 13 women's teams from Y-12, the K-25 Plant and Oak Ridge National Laboratory will participate in the tournament, one of the major sports events of the year in Oak Ridge.

In the men's team competition Y-12 will be represented by the Wolves, Wasps, Bumpers, Has Beens, Rippers, Screwballs, Rebels and Tigers from the Classic League; Murderer's Row, Daffodils and B Shift from the C League; and Night Owls and King Pins of the Evening Shift League. The women's teams, formed from keglers in the Mixed League, are the Scrappers, Nip and Tucks and Clippers.

The 46 Y-12 men to vie for singles honors are Sewell Brown, G. B. Anderson, Carl Frazier, H. O. Runge, J. Bartholomew, Ray Ellis, V. A. Stanley, Charley Gillihan, T. Compton, Bill Hatcher, Herb Oliver, Tom Hillard, W. T. Goodwin, Ed Sise, L. G. Freeman, Arnold Tiller, Jack Spears, Harold Ratjen, Ed Gambill, Frank Gragg, J. D. Brown, Joe Pryson, Walter Sherrod, G. Cantrell, C. E. Spradlin, Clyde Smith, Frank Zupan, E. Galloway, V. Williams, Joe Dunlap, Ernie Cobble, Rudy Pletz, Jack McLendon, Rob Rutherford, Roy Roberts, John Reece, Bill Mee, J. V. Haggard, Al Groppe, Hubert Tripp, Nelson Tibbatts, Jay Holzknecht, Howard Peckman, Len Hart, S. L. Gallman, Jr., and J. S. Stewart.

Rolling for the honors in men's doubles from Y-12 will be S. Brown-G. B. Anderson, Carl Frazier-H. O. Runge, J. Bartholomew-D. McAlister, J. Shelton-Curt Ridings, J. D. Collins-V. A. Stanley, C. Gillihan-Jim Moon, T. Compton-O. J. Rhea, B. Hatcher-D. Albright, Herb Oliver-Tom Hillard, W. T. Goodman-E. Sise, L. H. Freeman-George Riddle, A. Tiller-J. Spears, H. Ratjen-John Boyd, E. Gambill-F. Gragg, J. D. Brown-J. Pryson, W. Sherrod-G. Cantrell, C. E. Spradlin-R. F. Knott, C. Smith-F. Zupan, L. Galloway-V. Williams, J. Dunlap-E. Cobble, R. Pletz-J. McLendon, Bob Rutherford-R. Roberts, J. Reece-Bill Mee, J. V. Haggard-R. Beeler, Thompson-Peters, A. Groppe-H. Tripp, N. Tibbatts-J. Holzknecht, H. Peckman-L. Hart and S. L. Gallman-J. S. Stewart.

In the women's singles Y-12 will be represented by Evelyn Tucker, Joyce Gillihan, Regina Camp, Ronnie Stenglein, Jane Sheldon, Jean Vaughan, Mary Scott, Ruby Lucas, Lettie Ault, Shirley Brown, Nell McGinnis, Joanne Osborne, Louise Eubanks, Mavis Koons and Dot Park.

Pairing off in women's doubles will be Gillihan-Tucker, Camp-Stenglein, Scott-Vaughan, Ault-Lucas, Koons-Park, Brown-McGinnis, Osborne-Eubanks.

golfer interested in such a circuit is asked to communicate with the Y-12 Recreation Office, Room 226, Bldg. 9704-2, plant phone 7751.



THIS BIG FISH flipped his last fin in Watts Bar Lake near Blue Springs March 22 when he fell to temptation in the form of a Black Lead Head lure on the end of a line held by W. M. Stephan, Y-12 Mechanical Department. The large-mouthed lunker is a contender in the Y-12 Annual Fishing Contest and also in the current Fishing Rodeo.

Opening Y-12 Golf Tourney Set May 3

Competition Slated For Oak Ridge Course

The first of five Y-12 golf tournaments to be staged during the summer season has been slated for Saturday, May 3, at the Oak Ridge Golf and Country Club. Other similar competitions will be staged throughout the summer at Oak Ridge, the Deane Hill Country Club near Knoxville and the sporty course in the mountains near Gatlinburg. The dates for these tournaments will be announced later.

Tee off time for the opening tournament at Oak Ridge will be from 8:30 a.m. to 10 a.m., when all players must be under way. Green fee for the event will be \$3.

Rules for the 1958 tournaments will be substantially the same as in the popular 1957 events. Prizes of golf balls will be awarded in the four divisions of entrants, to be decided by prevailing handicaps.

Golfers will be placed in each of the four divisions after the last entrant has teed off for the tournament with the number of entrants divided evenly between the four divisions.

The prizes of golf balls will be the same in each division. The awards go to the first four low scores in scratch and handicap in each division, the most pars and second most in 18 holes. In figuring the last awards, a birdie counts two pars and an eagle three.

Low Teams Larrup Leaders In Mixed

Second division teams blasted top bracketed outfits in the final night of bowling of the Mixed League last week. The Units blanked the championship Scrappers team for four points and the Nip and Tucks nipped the Alley Cats by the same margin. In the other match the Clippers took three and one-half points from the Pin Cats.

Nell McGinnis took all feminine scoring honors in the loop by making a clean sweep with a 177 scratch and 224 handicap game, a 458 scratch and 599 handicap series. Carl Frazier, Units, had the top game scores for the men with 193 scratch and 232 handicap. Charley Gillihan, Nip and Tucks, boosted his team along with



Nell McGinnis

Biggest Y-12 Golf League In History To Play In Ridge

21 Teams Entered, One More Is Sought; Play To Open April 16

The biggest Y-12 Oak Ridge Golf League in history will swing into action on Wednesday, April 16 when at least 21 teams will break the barrier at the Oak Ridge Golf and Country Club for a long summer season. The league completed its organization last week and is seeking at least one more team, with a deadline set for on or before



Arnold Tiller

by calling the Recreation Office, plant phone 7751.

Arnold Tiller, of the Y-12 Insurance Department, and a veteran plant golfer, was elected president of the league for the 1958 season. Other officers elected were John Boyd, vice president; Rudy Pletz, secretary-treasurer and these officers plus Dan Stroud and I. G. Speas to form a protest board, if one is needed.

As completed last week, with the possibility of more teams entering, the league will be composed of the following teams.

J. E. Bartholomew-J. P. Smith, Logan Emet-Art Hines, Rudy Pletz-Roy Roberts, Dan Stroud-Arnold Tiller, Jack McLendon-W. T. Mee, Harold Ratjen-John Snyder, G. B. Anderson-H. C. Nichols, I. G. Speas-L. B. Cabe, George Mitchel-Nelson Tibbatts, Bob Orrison-J. Thomson, John Boyd-George Oliphant, Jay Holzknecht-Paddy Peckman, Ed Gambill-B. Hamby, Karl Kahley-George Evans, Ray Whitehorn-Sewell Brown, Joe Youngblood-O. E. Gilcrease, U. M. Oxford-Avis Collins, R. P. Wallace-J. M. Patterson, R. Dehoney-H. E. Buckminster, M. L. Taylor - George Lockhart, Gentry Underwood - H. E. Shatley.

Alternates who may substitute for team members not able to play on any scheduled date include Jack Spears, Carl Dorr, J. W. Ebert and Charley Peterson.

League regulations provide for matches to be played every Wednesday. By mutual agreement a match will be played before the date scheduled, but not after.

75 Anglers Vie In B Shift Rodeo

Around 75 B Shift Y-12ers took part in the fishing rodeo staged recently, despite inclement weather. L. F. Lee bagged first prize of a rod and reel by catching a three-pound, eight-ounce largemouth bass. L. E. O'Dell landed a two-pound, 11-ounce walleye pike for second prize of a spinning reel. Third prize of a fishing rod went to D. J. Owens, who came in with a one-pound, two-ounce crappie.

a 496 scratch and 616 handicap series. That performance helped the Nip and Tucks to sweep the boards in team scoring with 609, 793, 1737 and 2289.

League standing follows:

Team	W	L
Scrappers	39	21
Clippers	33 1/2	26 1/2
Alley Cats	33	27
Units	26	34
Nips and Tucks	26	34
Pin Cats	24 1/2	35 1/2

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Cleanliness Factor In Y-12 Safety Mark

Continued from Page 1
up his own work area and keeping it clean.

Spring Clean-Up Week is observed throughout the nation and heartily endorsed by the National Board of Fire Underwriters as the biggest factor in reducing fire hazards by removing accumulated litter and rubbish that furnish readily burnable material for flames. Entire cities as well as industrial plants all over the United States observe their own Spring Clean-Up Weeks with the objective of making the communities and plants safer, cleaner and more attractive places in which to live and work.

The movement also extends to homes, and every UCNC employee in the Y-12 Plant Area should take the Spring Clean-Up Week principles to their homes after leaving the plant so that their living quarters may be made as safe as the plant. Careful inspections of homes also may reveal much accumulated trash, old papers and magazines and other articles that could very easily turn into fire hazards.

King Pins Conquer Owls For Crown

The King Pins rolled to an impressive triumph over the Night Owls in a playoff for the championship of the Y-12 Evening Shift Bowling League in Knoxville by taking three straight games for a scratch margin of 2294 to 2033 and handicap edge of 2870 to 2675. The King Pins won the first half of the season title in an easy romp but fell back in the final period while the Owls soared high.

E. C. Hightower paced the King Pins to victory with a 204 scratch and 237 handicap game, 590 scratch and 639 handicap series. The best scratch and handicap games also were posted by the King Pins with 796 and 988. The losers were led by J. B. Fincher, who posted 203, 230, 506 and 589 across the board.

ORNL Man To Be Speaker At Special Seminar Meet

B. L. Cohen, of the Electronuclear Research Division of Oak Ridge National Laboratory, will speak at a special ORNL Physics Division seminar at 3 o'clock tomorrow afternoon, Thursday, April 3. The meeting will be in the conference room of Bldg. 1000, ORNL, and Cohen's subject will be "Recent Studies of Anomalous Inelastic Proton Scattering." Y-12ers interested in the subject are invited to attend.

Girls with hidden talent also seem to reveal it on TV.

DON'T GET CORNERED...
ASK WHEN
YOU'RE NOT SURE
ABOUT SOMETHING

Rides Wanted, Offered

Riders wanted from the vicinity of Hunter Circle, Oak Ridge, to Central Portal, straight day. F. J. Shea, plant phone 7-8437, home phone 5-8317, Oak Ridge.

Ride wanted or will join car pool from Kingston to Central or West Portal, H Shift, B. R. Poston, Jr., plant phones 7428 or 7171, home phone FR 6-6273, Kingston.

Car pool members wanted from Cumberland Estates, Oak Ridge Highway, Knox County, to any portal, straight day. M. E. Scrivner, plant phone 7-8602, home phone 8-4195, Knoxville.

Ride wanted from Norris to Central Portal, straight day. Anna Perry, plant phone 7232, home phone 506, Norris.

Ride wanted from West Haven, Knox County, to West or Central Portal, straight day. Bobby Bagwell, plant phone 7-8434, home phone 2-0603, Knoxville after 5:30 p.m.

Ride wanted or will join car pool from vicinity of Michigan Ave. and Moylan Lane, Oak Ridge, to Central or West Portal, straight day. H. C. Giles, plant phone 7753, home phone 5-0924, Oak Ridge.

Car pool members wanted from vicinity Cumberland, Rose or Laurel Aves., Knoxville, to North Portal, straight day. Jean Ann Rutherford, plant phone 7556, home phone 2-0677, Knoxville.

Car pool members wanted from West Village, Oak Ridge, to Central Portal, straight day. R. D. Baker, plant phone 7468, home phone 5-0421, Oak Ridge.

Ride wanted from Crestfield Road, Cumberland Estates, Oak Ridge Highway, Knox County, to West or Central Portal, straight day. E. E. Palmer, plant phone 7-8382.

Two car pool members or two riders wanted from Chapman Highway, Knox County, to North Portal, straight day. M. B. Bridges, plant phone 7059, home phone 7-2694, Knoxville.

Marksmen Romp For Double Win

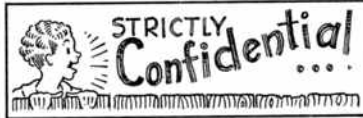
With only one more night of firing slated, the Marksmen team of the Y-12 Pistol League romped to two more points last Thursday night, beating the last-place Masters team scratch and handicap, 266-244 and 290.388-287.366. The Sharpshooters also bagged both ends of their match with the Experts by 252-224 and 287.366 - 286.253.

T. J. Bush, Marksmen, was high gun for the night with 266 scratch and 290.388 handicap. His 94 slow fire score was best of the season. League standing follows:

Team	W	L
Marksmen	28	10
Sharpshooters	19	17
Experts	15	23
Masters	12	24

NURSE PROGRAM SET

Linde Company of Union Carbide Corporation has set up a nurse consultant program as a part of its oxygen therapy activities. The program, launched two and one-half years ago, has proved successful, and through this service a hospital can obtain a complete analysis of its oxygen treatment from clinical effectiveness to costs and income.



Continued from Page 2
saw the Cherry Blossom Festival action in Washington last week.

ALLOY

Virginia George, of the Alloy Division, is visiting her home folks in Morgantown, N. C., this week.

Colex Auxiliary welcomes Fay Duncan to the department . . . Also returning co-ops Terry Killingsworth and Dave Kruse.

Alpha Four Cascade Operations welcomes co-ops Ed Dickey and Tom Browney as they return for another work session . . . Vacationers include R. E. Hackworth and R. B. Frady . . . Get-well wishes to W. C. Asbury and T. E. Monsey.

Alpha Five welcomes John Ellison, W. J. Whitaker and P. J. Bertin back after their recent illnesses . . . Get-well wishes are sent C. C. Dinkins . . . R. G. Walker is vacationing at his home in Kingston, Tenn.

MECHANICAL OPERATIONS

Production Control extends condolences to A. W. Teague, whose uncle died March 22 . . . Get-well wishes go to the family of M. M. Dickens (our scribe in that outfit), who were in a recent automobile mishap . . . Also to L. R. Loveless, laid low by the flu . . . L. D. Best is back after a long illness . . . J. A. Woods is vacationing in Harriman and J. E. French is in and around Clinton . . . W. C. Morrow is staying close to home . . . N. J. Roberts made a recent visit to the Tar Heel State of Nawth Ca'lina last week.

The Sunflower Foundry had John Sewell vacationing at home in Oak Ridge last week and L. R. Nolan likewise in Oliver Springs. P. J. Giles, W. T. Hayley and R. E. McJunkins are Alloy Shop vacationers . . . The spouse of H. E. Hamilton was the lucky winner of a lot of loot at a Knoxville store March 21 when her number was drawn . . . Best wishes go along with W. D. A. Langford, recently transferred to Stores . . . A. R. Smith spent a week doing housework and caring for his two children while awaiting the arrival home of a new daughter born on March 21.

Tool Grinding and Machine Maintenance extends deepest sympathy to J. W. Clark, whose grandmother died last week in Asheville, N. C. . . . Get-well wishes to the wife of R. W. Curtis, the Colyum's correspondent, who is ill in Harriman Hospital . . . Likewise to O. R. Garmon, O. W. Breedlove, C. F. Charpie, R. A. Guy, J. H. Oldham and F. H. Frank . . . Best wishes go to P. N. Fisher, L. B. Hatfield and R. S. Higdon, transferred to Z Area . . . J. W. Cooke has been away because of the serious illness of a cousin.

As might be expected, a majority of General Machine Shop vacationers are going to relax with pole, line and lure in nearby fishing fields . . . A. J. Harvey is based at Rockwood and wetting a line in Watts Bar Lake . . . J. H. Patrick is in Knoxville and taking his two sons on angling safaris . . . Percy LaRue is setting forth from his Lenoir City home to harass the finny tribe at Watts Bar and Center Hill . . . E. L. King is visiting kin folks and friends at Dothan, Ala. . . . K. P. Emert is industriously painting his house at West Haven . . . Stay-at-homes are Louie Bell at Clinton, J. E. Hargis at Harriman and R. C. Winfree at Harriman . . . Shoppers are concerned about their former fellow worker, T. K. Bishop, who retired about a year ago—Tom is in St. Mary's Hospital, Knoxville, with a tricky ticker . . . Get-well wishes are sent to him and likewise to ailing F. E. Shipley and F. E. Crowder.

INDUSTRIAL RELATIONS

Lee Bagwell, the Sachem of Safety, has gone to Ft. Myers, Fla., on vacation—to see if his real



TWO YOUNG SONS OF Y-12ERS WERE AMONG the youngsters receiving awards at a banquet held by Cedar Hill Cub Scout Pack, No. 3127, sponsored by the Lions Club of Oak Ridge, recently on the birthday of scouting. In the picture above the youngsters and their mothers are Johnny Lamb, son of Mrs. J. A. Lamb, whose husband is with the Atomic Energy Commission Patrol in the Y-12 Plant Area; Charles Kincaid, son of Mrs. Joanne Kincaid, Project Engineering; and Franklin Kendig, son of Mrs. Avery Kendig, whose husband is with the Y-12 Salvage Department. Handing out the awards is Cub Packmaster William C. Davis.

Science Fair Draws 20 Y-12 Youngsters

Continued from Page 1

"Flow of Electrons."

Harry Jackson, E. S., Alpha Five; "Cloud Chamber."

June Conerly, P. J., Alpha Five; "Genetic Effects on Plants by Radiation."

Price Foster, B. B., Sr., Mechanical; "Production and Analysis of Heavy Water."

Linda Campbell, J. Howard, Electrical Maintenance; "Phototropism."

Adrian Lawler, R. G., Alpha Four; "Household Insect Pests."

Peggy Anderson, Richard, Process Maintenance; "Paper Chromatography."

Joan Wood, John P., Chemical; "Photosynthesis."

Larry Mason, C. E., Research Services; "Mounted Cat Skeleton."

Jay Bowles, J. Clyde, Mechanical Inspection; "Electronic Computer."

John Murray, John P., Y-12 Plant Superintendent; "Parthenogenesis in the Rabbit."

Sandra Whitten, J. A., Z Area; "Hirudin the Anticoagulant."

Jim Whitten, J. A., Z Area; "Cotton Seed Products."

estate down thataway has survived the freeze and still is above high tide.

Jack Fisher, Security, is stepping high this week with a vacation in Nassau.

CHEMICAL

Ruth Hounshell, Chemical Department, is vacationing this week to get acquainted with a new grandson . . . W. C. Seymour and family are vacationing in Mississippi . . . Condolences are extended Mark Grim, whose grandfather died recently.

Mable Stapleton, Product Processing, is vacationing this week at her home in Gate City, Va. . . On the sick list are Eleanor Duke and Marie Tillery, both in Oak Ridge Hospital receiving get-well wishes . . . Rapid recovery wishes are sent to the mother of W. S. Wallace, recuperating from surgery in a Chattanooga hospital.

Before leaving on a week-end trip to Nashville—his old stompin' grounds—to lay his Easter eggs, the Old Easter Yegg himself, Old Corny, bids one and all—



It is colder at the South Pole than at the North Pole.



April Will Bring Springtime Buds, Interesting Dates

The day for April Foolishments—April Fool's Day, the open season for perpetrating practical jokes—was slated on the calendar for yesterday week. The day also ushered in a month usually associated with budding of real springtime with its beauty beginning to break loose from the clutches of winter. April probably got its name from the Latin verb "aperire" meaning "to open" since tree and flower buds open during the month.

As for April Fool's Day, if any Y-12er ever has been taken in by an April Fool joke, he has plenty of company. The custom of playing tricks on the first day of April appears to be universal. One theory is that the custom has something to do with the observance of the spring equinox, when almost everybody feels foolish and frisky.

Victims of April Fool jokes are called "April Fish" in France, a "gawk" or "cuckoo" in Scotland and in most English-speaking nations just an "April Fool." What the victims call the jokers is something else again.

The month of April has quite a few anniversaries of note, such as: April 6, 1909—After 23 years of trying, Robert E. Peary reached the North Pole and planted a United States flag at the top of the world.

April 18, 1775—Paul Revere made his noted midnight ride around the environs of Boston, Mass., to warn of the approaching British troops.

April 25, 1945—Delegates of 46 nations met in San Francisco to permanently organize the United Nations.

April 29, 1913—The now common zipper was patented by Gideon Sundback, of Hoboken, N. J. (and to many persons who have wrestled with the gadgets when they become stuck, this was one of the worst April Fool jokes played on the nation.)

The lofty diamond is the birthstone of the month and the flower is the sweet pea.

**CARELESS DRIVING
IS KID STUFF!**